

University of Tennessee

Seed Treatments Products for Thrips Control in Cotton - Madison County

Location: West TN Research and Education Center - Jackson

Variety: PHY 312 WRF (planted 5-10-18)

Application: Appl A (at plant) seed treatment;

Plots: 4 Rows x 35 ft (RCBD, 4 Reps)

Investigators: Stewart, S.Steckel, Williams

Description	Thrips Injury	Vigor	Thrips Counts	Thrips Counts	Thrips Counts	Thrips Injury	Vigor	Thrips Injury	Vigor	Seed Cotton		
Pest Stage Majority	0-5 Scale	0-100 Scale	Adult	Immature	Ad. + Imm.	0-5 Scale	0-100 Scale	0-5 Scale	0-100 Scale	lbs/acre		
Rating Date	5/25/2018	5/25/2018	5/25/2018	5/25/2018	5/25/2018	5/29/2018	5/29/2018	6/1/2018	6/1/2018	9/21/2018		
Sample Size, Unit	1 Plot	1 Plot	5 Plants	5 Plants	5 Plants	1 Plot	1 Plot	1 Plot	1 Plot	1 Acre		
Plant-Eval Interval	15 DP-1	15 DP-1	15 DP-1	15 DP-1	15 DP-1	19 DP-1	19 DP-1	22 DP-1	22 DP-1	134 DP-1		
Tre Treatment	Formulation	Appl										
1 Avictia Elite Cotton Plus Vibrance	A A		1.50 a	94.00 a	17.50 a	16.25 a	33.75 a	1.45 a	100.00 a	1.50 b	98.00 a	4434.60 a
2 GAUCHO 600 FS Dynasty CST	5 lba/gal A	A	1.48 a	93.25 a	6.00 b	17.50 a	23.50 a	1.48 a	98.75 a	1.75 a	98.75 a	4597.80 a
3 GAUCHO 600 FS Vibrance CST	5 lba/gal A	A	1.45 a	93.50 a	16.25 a	15.50 a	31.75 a	1.53 a	98.75 a	1.60 b	97.50 a	4334.70 a
4 Bayer Standard (Aeris)	A		1.45 a	95.25 a	10.25 ab	21.00 a	31.25 a	1.53 a	99.50 a	1.60 b	98.00 a	4476.30 a
Treatment Prob(F)			0.7221	0.0974	0.0325	0.7726	0.3865	0.7046	0.3727	0.0270	0.8322	0.6404

Means followed by same letter or symbol do not significantly differ (P=.05, LSD)